

# mighty - SCAN

250 ELC

## ***DMC Channel Selection***

From Version 1.3



**GERMAN LIGHT  
PRODUCTS**

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## Channel selection ( Overview table )

Channel	Description	DMX-Value	Hex-Value	Value in %
1) Pan	Pan- Position	0 - 255	0 - FF	0 – 100%
2) Tilt	Tilt- Position	0 - 255	0 - FF	0 – 100%
3) Speed	Pan/Tilt- Speed	0 - 255	0 - FF	0 – 100%
4) Color	Color correction filter 5600K	0 - 3	0 - 3	1%
	Halfcolor 1	4 - 7	4 - 7	2%
	blue 107	8 - 11	8 - B	3%
	Halfcolor 2	12 - 15	C - F	5%
	blue110	16 - 19	10 - 13	7%
	Halfcolor 3	20 - 23	14 - 17	8%
	blue101	24 - 27	18 - 1B	10%
	Halfcolor 4	28 - 31	1C - 1F	11%
	cyan 401	32 - 35	20 - 23	13%
	Halfcolor 5	36 - 39	24 - 27	15%
	green 201	40 - 43	28 - 2B	16%
	Halfcolor 6	44 - 47	2C - 2F	18%
	green 204	48 - 51	30 - 33	19%
	Halfcolor 7	52 - 55	34 - 37	21%
	yellow 601	56 - 59	38 - 3B	22%
	Halfcolor 8	60 - 63	3C - 3F	24%
	orange 306	64 - 67	40 - 43	25%
	Halfcolor 9	68 - 71	44 - 47	27%
	red 304	72 - 75	48 - 4B	29%
	Halfcolor 10	76 - 79	4C - 4F	30%
	pink 303	80 - 83	50 - 53	32%
	Halfcolor 11	84 - 87	54 - 57	33%
	magenta 501	88 - 91	58 - 5B	35%
	Halfcolor 12	92 - 95	5C - 5F	36%
	magenta 507	96 - 99	60 - 63	38%
	Halfcolor 13	100 - 103	64 - 67	40%
	cyan 104	104 - 107	68 - 6B	41%
	Halfcolor 14	108 - 111	6C - 6F	43%
	orange 302	112 - 115	70 - 73	44%
	Halfcolor 15	116 - 119	74 - 77	46%
	türkis 208	120 - 123	78 - 7B	47%
	Halfcolor 16	124 - 127	7C - 7F	49%
	pink 310	128 - 131	80 - 83	50%
	Halfcolor 17	132 - 135	84 - 87	52%
	yellow 603	136 - 139	88 - 8B	54%
	Halfcolor 18	140 - 143	8C - 8F	55%
	UV blue 108	144 - 147	90 - 93	57%
	Halfcolor 19	148 - 151	94 - 97	58%
	red 301	152 - 155	98 - 9B	60%

Channel	Description	DMX-Value	Hex-Value	Value in %
	Halfcolor 20	156 - 159	9C - 9F	61%
	open (no filter)	160 - 175	A0 - AF	62 - 68%
	Rotation 1 fast – slow	176 - 208	B0 - D0	69 – 81%
	Rotation stop	209 - 221	D1 - DF	82 – 86%
	Rotation 2 slow - fast	222 - 255	E0 - FF	87 – 100%
<b>5) Gobos</b>	Gobo 1	0 - 7	0 - 7	2%
	Gobo 2	8 - 15	8 - F	5%
	Gobo 3	16 - 23	10 - 17	8%
	Gobo 4	24 - 31	18 - 1F	11%
	Gobo 5	32 - 39	20 - 27	15%
	Gobo 6	40 - 47	28 - 2F	18%
	Gobo 7	48 - 55	30 - 37	21%
	Gobo 8	56 - 63	38 - 3F	24%
	Gobo 9	64 - 71	40 - 47	27%
	Gobo 10	72 - 79	48 - 4F	30%
	Gobo 11	80 - 87	50 - 57	33%
	Gobo 12	88 - 95	58 - 5F	36%
	Gobo 13	96 - 103	60 - 67	40%
	Gobo 14	104 - 111	68 - 6F	43%
	Gobo 15	112 - 119	70 - 77	46%
	Gobo 16	120 - 127	78 - 7F	49%
	Gobo 17	128 - 135	80 - 87	52%
	Gobo 18	136 - 143	88 - 8F	5%
	Gobo 19	144 - 151	90 - 97	58%
	Gobo 20	152 - 159	98 - 9F	61%
	Gobo 21	160 - 175	A0 - A7	68%
	Rotation fast – slow	176 - 208	B0 - D0	69 – 81%
	Rotation stop	209 - 254	D1 - FE	82 – 99%
	Reset	255	FF	100%
<b>6) Shutter</b>	Shutter close 1	0 - 7	0 - 7	2%
	Shutter open	8 - 15	8 - F	5%
	Shutter close 2	16 - 23	10 - 17	8%
	Shutterfrequency, fast – slow	24 - 127	18 - 7F	9 – 50%
	Shutter open, color/gobo speed slow - fast	128 - 255	80 - FF	51 – 100%
<b>Lampe off</b>	after 2 min. if: Shutter close 1 <b>or</b> Shutter close 2	0 – 7 <b>oder</b> 16 – 23	0 – 7 <b>oder</b> 10 – 17	2% <b>oder</b> 8%
<b>Lampe off</b>	If Shutter close 1 <b>and</b> Speed Pan/Tilt= 0	Shutter 0 – 7 <b>and</b> Speed =0	Shutter 0 - 7 <b>and</b> Speed =0	Shutter 2% <b>and</b> Speed =0%
<b>Lampe on</b>	If Shutter open	Shutter ≠0	Shutter ≠0	Shutter ≠0%



**GERMAN LIGHT**  
**P R O D U C T S**